



TELEX[®]

RADIO DISPATCH PRODUCTS

Radio Dispatch Engineering Group

C-Soft Release Version 4.200 Engineering Release Notes

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1. Revision History

Revision	Date	Author	Description
A	08/07/2009	Radio Dispatch Engineering Group	Initial draft C-Soft Version 4.200

2. Overview

This is the release notes for C-Soft Release Version 4. firmware/software. This release contains new features, improved features, and fixed issues. The release notes include all of the changes and fixes since official release Version 4.100.

3. New Features

Version 4.200

- Appearance
 - Button Styles – Option in Global Parameters which allows users to determine the general shape and styling of buttons used in C-Soft. The three style options are:
 - Classic – Existing C-Soft button style
 - Glossy – Rounded, pill-shaped button with a modern, glossy appearance
 - Vista – Shiny, rectangular button style
 - Webpage Window – Webpage window is now moveable and resizable.
 - Moveable Popup Window – Added option to make popup buttons moveable.
 - Popup Background Color – Ability to set the background color of individual popup windows.
- Buttons
 - MDC-1200 Signaling – Ability to encode and decode MDC-1200 signaling messages using the MDC-1200 Dispatch window. Supports encoding ANI, Call Alert, Radio Check, Status Request, Select Call, Radio Disable/Enable, Remote Monitor and emergency messages. Supports decoding ANI, Emergency, Select Call, Call Alert, Status, and Text messages.
 - Programmable Page Stack button – New button which allow users to select a pre-determined group of pages.
 - Talk Around Button – Added button to enable and disable Talk Around mode on radios.
- Controls in Designer
 - Add UI Elements with Right Click menu – Can add buttons, popup buttons, sliders, and text in Designer by using right click menu.
 - Button Border Color – Can change the border of multiple buttons simultaneously in Designer by selecting group of buttons and using right click menu.
 - Mouse Wheel Support – Added mouse wheel support to Line IP Setup, Unit List, Group List, Status List, and Text Message List windows.
- Designer Menus
 - Text Message Window – Supports aliasing for MDC-1200 text messages.
- Event Triggered Relays
 - HB3+ and NEO-10 Relays – Added ability to configure Relay Control buttons to turn relays on when receiving an Emergency or an incoming Phone call. User can also configure when the relays should be turned off.
- Global Parameters
 - Console Name – Added field to assign names to individual consoles. This name will be displayed in Telex System Manager.
- Paging
 - Inter-Page Timer – Ability to add a user-defined amount of dead air time between stacked pages.

- Selected Line State and Steered Paging – If a page has no talk time, C-Soft will return to the previous selected line(s) after the completion of a steered page.

4. Improved Features and Fixed Issues

Version 4.200

- Designer
 - Copy System – The Source System dropdown menu was displaying previously deleted systems.
 - Default Secure Option – Re-added this option for the Encryption button. This option was unknowingly removed in C-Soft Version 3.011.
 - Deleting Popup Windows – Fixed issue which would cause buttons to be no longer modified or the incorrect button to be modified after a popup window was deleted.
 - Emergency ACK button – Renamed Emergency Clear
 - Emergency Resolve button – Renamed Emergency ACK.
 - Enable Residue ANI – Renamed Enable Residual ANI
 - Group Border Color – Now works with volume sliders.
 - iDEN Line Setup – Allowed the characters * and # to be entered into the iDEN Call Setup page.
 - Launch Application Parameters – Added field to Launch Application button setup where user can specify input parameters for the desired .exe.
 - Loading .csv files – Fixed various issues to improve error handling and detection.
 - Manual Paging – Manual Pages can now be set to Frequency 100.
 - Multiple DTMF Select Call Strings – Designer now supports adding up to five DTMF strings per line which will trigger the select call actions.
 - Open System File – Fixed the Open System File menu item.
 - Paging Frequency – Added additional validation to prevent Page Frequency being set to 0.
 - Popup Windows – Arrow keys caused popup windows to be moved multiple grid spaces.
 - Select Button Setup – The initial values for Beep and Mutes times were 0. Changed initial Beep time to 2 seconds and Mute time to 7 seconds.
 - Stop and Play Button Labels – Removed these fields from the Global Call Parameters Setup window.
 - System List – Changed name from FleetSync System List.
 - Text Box Border Color – The text box border would remain the previous border color until the mouse was moved over the text box.
 - Window Refresh – Designer would sometimes get stuck in a loop repainting the main window.
- Runtime
 - Active Emergency Button Names – Change the name of the ACK button to Clear. Changed the name of the Resolve button to ACK. Both buttons behave the same as before.
 - ANI – Received ANIs were not always being displayed on Select buttons.
 - Arrow Key Support – Arrow keys will now work in Per Line Call History, FleetSync History, and MDC-1200 History lists.
 - Bitmap Image Layering – Logo bitmap now always appear behind buttons.
 - Bitmap Location – Background bitmap images would change location on the design file if the main Runtime window was resized.
 - Call History Window – Call History window would not play unselect receive audio when the “Sum Unselect to Headset When On” option was enabled.
 - Crosspatch PTT & RX Block – Crosspatch PTT would invoke RX Block on any selected line(s).

- Display All Calls and FleetSync Messages – Status messages were being displayed regardless of the state of the Display All Call option.
- Distorted Audio – Console would infrequently play distorted receive audio.
- Encryption Button – Encryption button would initialize to the clear state when the Default Secure option was enabled.
- Enter PIN Dialog – The Enter PIN Dialog displayed incorrect character symbols when a password was entered.
- FleetSync Aliasing – CSoft would not alias FleetSync IDs or statuses if a FleetSync system was not associated to that line.
- FleetSync on Parallel Consoles – On parallel consoles, the end of the previous call could be heard at the start of the next call.
- FleetSync Status Request – If the radio which the status requested from does not respond, “No Response” is now displayed on Select button and in Call History windows.
- Frequency Buttons – Prevented users from selecting a different frequency while the Main PTT button is pressed.
- Global Call History window – Fixed issue which would cause window to log multiple entries during a single call.
- HB3 and Webpages – Fixed issues which would cause the PTT to stick on when using an HB3 and a webpage window was active.
- Incoming Phone Ring – The RX LED would stick on and C-Soft would only ring three times for certain ring cadences
- Initial Status – On boot-up, C-Soft would not initialize to the last used status.
- IRR Playback time – Increased the IRR Playback time from three minutes to 10 minutes.
- Marker Tone – Receive audio would not terminate a marker tone while the tone was sending
- MDC Aliasing – CSoft would not alias MDC IDs or statuses if a MDC system was not associated to that line.
- Paging
 - If a page is canceled with a Main PTT button press, page talk time is now ignored.
 - Pages could not be sent if both the Send On Selected and the Send Sequentially options were checked.
 - All selected pages would be sent if a page was unselected and the stack page button was not pressed.
 - The Main PTT button would remain depressed if an InPTT button was clicked during a page.
 - C-Soft would lock-up if a phone line was put on-hook during page talk time.
 - If a phone was offhook while a page with talk time was sent, the Main PTT would remain depressed.
 - Audio received during an outgoing page would be heard sporadically.
 - When a non-steered page is sent with no lines selected, an error message is now displayed and the page talk time is ignored.
- PTT-Talkback button – Fixed issue with using the PTT-Talkback button while a marker tone was being sent.
- SIP Phone Calls – Incoming calls are no longer disconnected if received on a muted line.
- Status and Call List – Entries can now be selected using the keyboard arrow keys.
- Status List Column Alignment – The last column in Status List window will now always extend to the vertical scrollbar.
- System List .xml File – Improved error handling when the system list .xml file specified in the .veg file is not present.
- Talk Around button – Talk Around button state would not match the radio’s Talk Around state in certain circumstances.

- Text Box Border Color – The text box border would remain the previous border color until the mouse was moved over the text box
- Webpage Auto-Refresh – Fixed issue which would sometimes cause C-Soft to crash if this option was enabled.
- Window Refresh – Runtime would sometimes get stuck in a loop repainting the main window.
- VU Meter – The VU meter would flicker while a page was being sent.

5. Compatibility

Version 4.200

- Compatible with IP-223 Version 4.200

6. Installation and Upgrade

Version 4.200

- To upgrade C-Soft replace C-Soft Runtime and C-Soft Designer .exe files:
 - Backup the previous C-Soft design by copying and renaming the .veg file.
 - Open and save the previous C-Soft designs in C-Soft Designer 4.200 to upgrade them.
 - Any existing cposi.txt file created by a previous version of C-Soft Runtime will need to be deleted before C-Soft Runtime can be executed.